

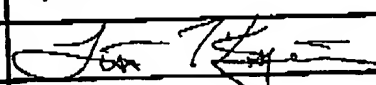
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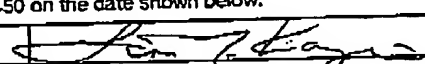
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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/712,322	
	Filing Date	November 12, 2003	
	First Named Inventor	Thomas R. Gingeras	
	Art Unit	1634	
	Examiner Name	Pohnert, Steven C.	
Total Number of Pages in This Submission	13	Attorney Docket Number	3535.1

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ENCLOSURES (check all that apply)		
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<b>Remarks</b> Response to Non-Final Office Action (12 pages)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Lisa T. Kajisa		
Date	10/19/2006	Reg. No.	57,516

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature		Date	10/19/06
Typed or printed name	Lisa T. Kajisa		

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Application No. 10/712,322

PATENT  
Attorney Docket No. 3535.1/US

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Thomas Gingeras, et al.

Examiner: Pohnert, Steven C.

Serial No: 10/712,322

Group Art Unit: 1634

Filing Date: November 12, 2003

**Title: Methods and Compositions and  
Computer Software Products for  
Interrogating Sequence Variations in  
Functional Genomic Regions**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/RESPONSE**

Dear Sir:

In reply to the Office Action mailed August 22, 2006, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 7 of this paper.